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NPIC/R-1127/64

March 1964

PHOTOGRAPHIC INTERPRETATION REPORT

IPIR

GOLDEN TREE MISSION 3849

29 FEBRUARY 1964



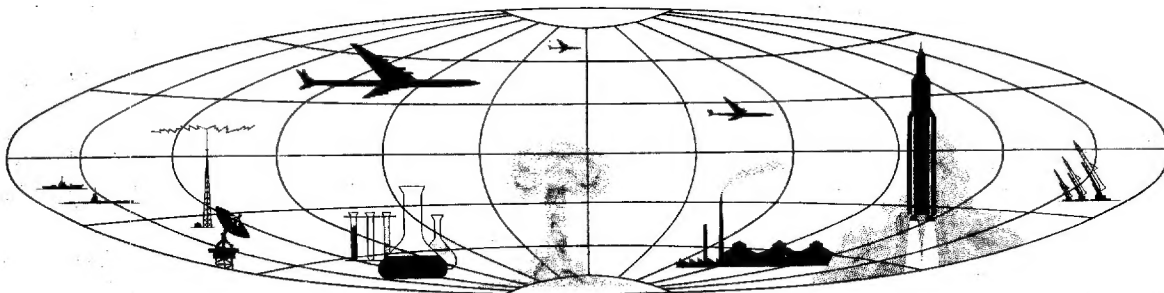
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Declass Review by
NIMA/DOD

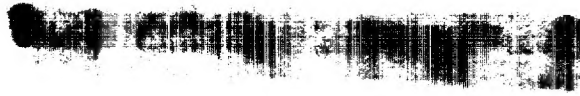
NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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GROUP 1
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downgrading and declassification



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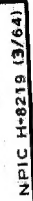
PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GOLDEN TREE MISSION 3849, DATED 29 FEB 1964. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUDS), HC (HEAVY CLOUDS), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), O (OBLIQUITY), PQ (POOR IMAGE QUALITY).

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APPROXIMATE TRACK OF GOLDEN TREE MISSION 3849, 29 FEBRUARY 1964

MISSILES

CIENFUEGOS SAM SITE 2202N 08024W

25X1

SIX UNREVIEWED LAUNCHERS, AT LEAST 8 PROBABLE MISSILE TRANSPORTERS, 3 CANVAS-COVERED HOLD AREAS, 6 CANVAS-COVERED TRACKED PRIME MOVERS, 5 OTHER VEHICLES, 2 PROBABLE TRUCK-MOUNTED CRANES, AND A GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED. NO APPARENT CHANGE IN FACILITIES.

25X1

LOS ANGELES SAM SITE 2100N 07541W

25X1

SIX UNREVIEWED LAUNCHERS (AT LEAST 3 WITH MISSILES), ONE MISSILE TRANSPORTER ADJACENT TO LAUNCHER, AT LEAST 17 VEHICLES AND AN OCCUPIED GUIDANCE AREA OBSERVED. OBLIQUITY AND CLOUD SHADOW LIMIT INTERPRETATION.

25X1

SIGUANEA SAM SITE 2137N 08257W

SIX LAUNCHERS (5 REVIEWED), 7 MISSILE TRANSPORTERS (ONE WITH MISSILE), AT LEAST 32 OTHER VEHICLES, ONE CANVAS-COVERED HOLD AREA, AND A CANVAS-COVERED GUIDANCE REVETMENT OBSERVED.

25X1

SANTIAGO DE CUBA SAM SITE 1959N 07550W

SIX UNREVIEWED LAUNCHERS (5 WITH MISSILES), 4 CANVAS-COVERED MISSILE TRANSPORTERS, 6 CARGO TRUCKS, AND AN OCCUPIED GUIDANCE AREA OBSERVED. NO APPARENT CHANGE IN FACILITIES.

25X1

SANTIAGO DE CUBA SAM ASSEMBLY AREA 2003N 07553W

25X1

AT LEAST 30 MISSILE TRANSPORTERS (20 CANVAS-

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COVERED AND 8 WITHOUT PRIME MOVERS), 2 MISSILES
ON DOLLIES, 2 TRACTOR-TRAILERS, APPROXIMATELY 40
CARGO TRUCKS, 5 VAN TRUCKS, 8 UTILITY TRUCKS, 3
TRUCK-MOUNTED CRANES, AND NUMEROUS MISSILE CANISTERS
OBSERVED.
THE 3-GUN AAA SITE REMAINS OCCUPIED.

25X1

MALDONADO SAM SITE 2012N 07528W

25X1

SIX REVETTED LAUNCHERS (ONE CANVAS-COVERED AND 2 WITH
MISSILES), ONE MISSILE TRANSPORTER WITH UNCOVERED
MISSILE, ONE CANVAS-COVERED MISSILE TRANSPORTER, 12
CANVAS-COVERED TRACKED PRIME MOVERS, ONE CANVAS-
COVERED HOLD REVETMENT, AND A CANVAS-COVERED GUIDANCE
AREA OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

25X1

25X1

CAMAGUEY AIRFIELD SAM SITE 2122N 07750W

SIX UNREVVETTED LAUNCHERS, 7 CANVAS-COVERED MISSILE
TRANSPORTERS AND A GUIDANCE AREA WITH RADAR AND
CANVAS-COVERED EQUIPMENT OBSERVED.
SUPPORT AREA CONTAINS 2 ADDITIONAL LAUNCHERS, 8
TRACKED PRIME MOVERS, 8 CARGO TRUCKS, 7 VAN TRUCKS,
4 PROBABLE TRUCK-TRACTORS, 4 OTHER VEHICLES, AND 3
VAN TRAILERS.
NO APPARENT CHANGE IN FACILITIES.

25X1

HOLGUIN SAM SITE 2052N 07627W

SIX CANVAS-COVERED LAUNCHERS, 7 MISSILE TRANSPORTERS
(4 CANVAS-COVERED), AT LEAST 8 TRACKED PRIME MOVERS,
4 PROBABLE CARGO TRUCKS, 3 VAN TRAILERS, AT LEAST 11
OTHER VEHICLES, 4 UNIDENTIFIED PIECES OF EQUIPMENT,
AND A GUIDANCE AREA CONTAINING RADAR AND CANVAS-
COVERED EQUIPMENT OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

25X1

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MAJANA SAM SITE 2241N 08249W

SIX UNRETTED LAUNCHERS (3 CANVAS-COVERED), 3
PROBABLE MISSILE TRANSPORTERS, AT LEAST 9 OTHER
VEHICLES, AND AN OCCUPIED GUIDANCE AREA OBSERVED.

25X1

25X1

PRESTON SAM SITE 2044N 07538W

FIVE RETTTED LAUNCHERS, 2 PROBABLE CANVAS-COVERED
MISSILE TRANSPORTERS, 11 PROBABLE TRACKED PRIME
MOVERS, ONE VAN TRUCK, 3 OTHER VEHICLES, 3 VAN
TRAILERS, AND AN OCCUPIED GUIDANCE RETTMENT OBSERVED
IN CLOUD-FREE AREAS.

25X1

AIR FACILITIES

CAMAGUEY INTERNATIONAL AIRFIELD 2125N 07750W

AIRCRAFT -- ONE CRATE AND ONE LIAISON.

25X1

HOLGUIN AIRFIELD 2047N 07618W

AIRCRAFT -- 7 FAGOT, 11 HOUND, ONE HARE, ONE PROBABLE
HARE, AND ONE LIAISON.

25X1

ANTONIO MACEO AIRFIELD 1958N 07550W

AIRCRAFT -- ONE COOT, 2 C-47, ONE HOUND, AND
5 LIAISON.

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25X1

COLONEL MARTIN MARRERRO AIRFIELD 2150N 08246W

AIRCRAFT -- ONE CRATE OBSERVED IN CLOUD-FREE AREAS.

25X1

NAVAL ACTIVITY/PORTS

MARIEL NAVAL BASE AND NAVAL AIR STATION 2259N 08244W

VESSELS -- 5 LARGE FREIGHTERS.
OBLIQUITY LIMITS INTERPRETATION.

25X1

CABANAS NAVAL BASE 2258N 08258W

VESSELS -- ONE PROBABLE PC, 7 KOMAR-CLASS PGMG,
6 PROBABLE P-4 MTB, AND ONE YP.
OBLIQUITY LIMITS INTERPRETATION.

25X1

SIGUANEA NAVAL BASE 2136N 08258W

VESSELS -- ONE PROBABLE P-6 MTB AND 2 PROBABLE YP.

25X1

BANES NAVAL BASE 2055N 07542W

VESSELS -- ONE PC.

25X1

CIENFUEGOS NAVAL BASE 2208N 08027W

VESSELS -- 2 KRONSTADT-CLASS PC, 6 P-6, ONE YP,
AND 5 LARGE FREIGHTERS.
ONE LARGE NON-SOVIET TENT REMAINS AT CAYO LOCO.

25X1

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BARACOA PORT 2021N 07430W

NO LARGE VESSELS OBSERVED.

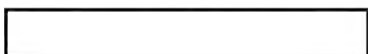
25X1



MOA PORT 2039N 07456W

VESSELS -- ONE LARGE FREIGHTER.

25X1



SANTIAGO DE CUBA PORT AND NAVAL BASE 2001N 07550W

VESSELS -- ONE KRONSTADT-CLASS PC, ONE YP, ONE
LARGE FREIGHTER AND 2 SMALL FREIGHTERS.

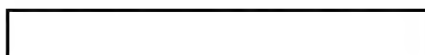
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NUEVA GERONA PORT 2153N 08248W

VESSELS -- ONE POSSIBLE PC AND ONE P-6 MTB OBSERVED
IN CLOUD-FREE AREAS.

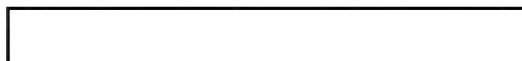
25X1



CASILDA PORT 2145N 07959W

NO LARGE VESSELS OBSERVED.

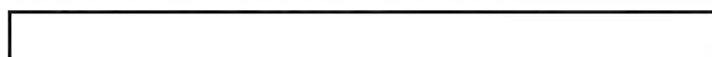
25X1



BAHIA HONDA PORT 2255N 08310W

NO LARGE VESSELS OBSERVED.

25X1



PUERTO PADRE PORT 2113N 07632W

VESSELS -- ONE POSSIBLE FREIGHTER.

25X1

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OBLIQUITY LIMITS INTERPRETATION.

25X1



MILITARY ACTIVITY

GUANTANAMO AREA 2018N 07525W

THE TWO 3-GUN AAA SITES NEAR THE PUMPING STATION
REMAIN OCCUPIED.
NO APPARENT CHANGE IN PREVIOUSLY-REPORTED TRENCH
SYSTEMS.
NO ADDITIONAL OR UNUSUAL MILITARY ACTIVITY OBSERVED.

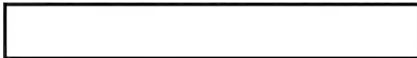
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BAHIA HONDA MILITARY CAMP 2258N 08311W

NO APPARENT CHANGE IN FACILITIES.
ONE VAN TRUCK, 4 VAN TRAILERS, AND 4 UNIDENTIFIED
VEHICLES OR PIECES OF EQUIPMENT OBSERVED.

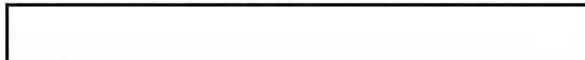
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HOLGUIN MILITARY CAMP 2053N 07613W

MAIN CAMP -- NO APPARENT CHANGE IN PERMANENT
FACILITIES. TWENTY-SEVEN LARGE TENTS (4 NON-SOVIET),
17 MEDIUM TENTS (4 NON-SOVIET), 16 SMALL TENTS, ONE
RIGID-FRAME TENT, 21 TANKS/SP GUNS, 61 CARGO
TRUCKS, 4 VAN TRUCKS, 6 UTILITY TRUCKS, ONE TRUCK-
MOUNTED TREADWAY BRIDGE, 12 OTHER VEHICLES, ONE CARGO
TRAILER, AND 2 UNIDENTIFIED PIECES OF EQUIPMENT. FOUR
POSITIONS OF THE OCCUPIED 6-GUN AAA SITE ARE CANVAS-
COVERED. THE 9-GUN AAA SITE IS UNOCCUPIED.
CAMP .6 NM SE -- NO APPARENT CHANGE IN PERMANENT
FACILITIES. SEVENTEEN LARGE TENTS (11 NON-SOVIET),
6 MEDIUM TENTS, 2 SMALL TENTS, 12 CARGO TRUCKS, 4
OTHER VEHICLES, 12 AAA PIECES, AND 16 FA PIECES.
CAMP 2.2 NM SE -- NO APPARENT CHANGE IN FACILITIES.
TWENTY CARGO TRUCKS, 2 PROBABLE UTILITY TRUCKS, AND
17 FA PIECES.

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CAMAGUEY MILITARY CAMP COUNTRY CLUB 2121N 07751W

NO APPARENT CHANGE IN PERMANENT FACILITIES. TWENTY-SIX LARGE TENTS (13 NON-SOVIET), ONE MEDIUM TENT, 4 SMALL TENTS, 17 VAN TRUCKS, 18 OTHER VEHICLES, AND 3 RADAR OBSERVED IN CLOUD-FREE AREAS. ONE RADAR REVETMENT IS ABANDONED.

25X1

OFELIA MILITARY CAMP 2006N 07530W

NO APPARENT CHANGE IN FACILITIES. FOURTEEN TANKS/SP GUNS, 90 CARGO TRUCKS, 3 VAN TRUCKS, 17 UTILITY TRUCKS, 7 OTHER VEHICLES, 2 BULLDOZERS, ONE SMALL CARGO TRAILER, 32 AAA PIECES, 28 FA PIECES, AND 18 MORTARS OBSERVED. CONSTRUCTION CONTINUES ON THE EXPLOSIVES STORAGE AREA.

CAMAGUEY MILITARY CAMP 2126N 07753W

NO APPARENT CHANGE IN FACILITIES. FORTY-NINE CARGO TRUCKS, 27 FA PIECES, AND 16 MORTARS OBSERVED.

25X1

EL CRISTO MILITARY INSTALLATION 2008N 07547W

MAIN CAMP -- NO APPARENT CHANGE IN FACILITIES. NO VEHICLES OBSERVED. AREA 1.6 NM NE -- 8 CARGO TRUCKS, 2 UTILITY TRUCKS, ONE BULLDOZER, ONE BACKHOE, ONE TRUCK-MOUNTED CRANE, AND ONE OTHER VEHICLE.

CAYO LARGO MILITARY AREA 2137N 08133W

NO AIRCRAFT OR NEW MILITARY ACTIVITY OBSERVED.

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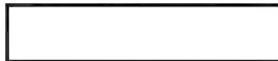
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MACAGUA MILITARY CAMP 2050N 07610W

NO APPARENT CHANGE IN FACILITIES.
TWENTY CARGO TRUCKS, ONE UTILITY TRUCK, AND 32
PROBABLE MORTARS OBSERVED.

25X1



JURAGUA MILITARY ACTIVITY 2209N 08035W

NO APPARENT CHANGE IN FACILITIES.
EIGHTEEN CARGO TRUCKS AND 15 FA PIECES OBSERVED.

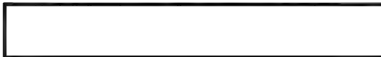
25X1



HOLGUIN MILITARY CAMP NW 2057N 07616W

NO APPARENT CHANGE IN FACILITIES.
AT LEAST 21 TANKS/SP GUNS, 2 PROBABLE CARGO TRUCKS,
AND 6 PROBABLE AAA PIECES OBSERVED.

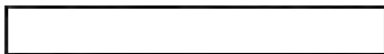
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TRINIDAD AREA POSS MIL HEADQUARTERS 2150N 07953W

NO APPARENT CHANGE IN FACILITIES.
SIX UNIDENTIFIED VEHICLES OBSERVED.

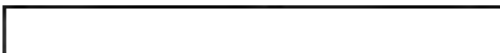
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SAN DIEGO DE NUNEZ MILITARY CAMP 2254N 08305W

TWENTY-ONE TANKS/SP GUNS AND 21 CARGO TRUCKS
OBSERVED.

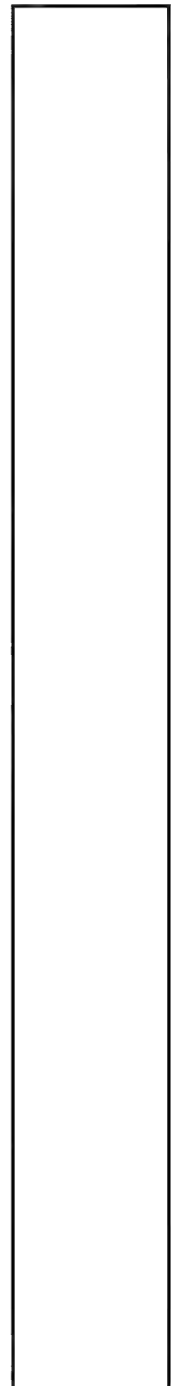
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ANTON RECIO MILITARY INSTALLATION 2211N 08036W

TWENTY-ONE TANKS/SP GUNS AND ONE CARGO TRUCK OBSERVED.

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THE 6-GUN AAA SITE REMAINS OCCUPIED.

25X1

25X1

SANTA ISABEL FINCA MILITARY CAMP 2005N 07528W

MAIN CAMP -- 4 LARGE BARRACKS (ONE UNDER CONSTRUCTION), 2 SUPPORT BUILDINGS, 10 LARGE NON-SOVIET TENTS, 3 MEDIUM NON-SOVIET TENTS, 14 CARGO TRUCKS, 4 FA PIECES, AND 10 POSSIBLE CARGO TRAILERS. AN OCCUPIED 3-GUN AAA SITE OBSERVED AT UTM 18QVT519223. CAMP ONE NM NORTH -- ONE LARGE NON-SOVIET TENT, 9 CARGO TRUCKS, AND 11 FA PIECES. (AMS SERIES E723, SHEET 5176-III, 2D ED.)

25X1

25X1

TACAJO MILITARY CAMP 2051N 07558W

AREA 1 -- 4 CARGO TRUCKS AND 8 OTHER VEHICLES.
AREA 2 -- ABANDONED.
AREA 3 -- 19 CARGO TRUCKS, ONE OTHER VEHICLE, AND 18 MORTARS.
AREA 4 -- FACILITIES INCLUDE 4 BARRACKS-TYPE BUILDINGS, 5 SUPPORT BUILDINGS, 4 LARGE NON-SOVIET TENTS, ONE MEDIUM NON-SOVIET TENT, 7 SMALL TENTS, AND A GRADED EARTH PARKING AREA. TEN CARGO TRUCKS AND 18 FA PIECES OBSERVED. THE TWO 3-GUN AAA SITES REMAIN OCCUPIED.
AREA 5 -- 11 CARGO TRUCKS, AND 3 UNIDENTIFIED PIECES OF EQUIPMENT. THE TWO 3-GUN AAA SITES REMAIN OCCUPIED.
AREA 6 -- 20 CARGO TRUCKS, ONE VAN TRUCK, 7 PROBABLE UTILITY TRUCKS, AND 6 OTHER VEHICLES.
AREA 7 -- 12 CARGO TRUCKS AND ONE OTHER VEHICLE.
AREA 8 -- AREA ABANDONED.
AREA 9 -- 15 TANKS/SP GUNS AND ONE CARGO TRUCK.

25X1

25X1

DOS CAMINOS MILITARY TRAINING AREA 2014N 07547W

NO APPARENT CHANGE IN FACILITIES.
ELEVEN TRACKED PRIME MOVERS, AT LEAST 40 CARGO TRUCKS,

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AND 52 FA PIECES OBSERVED.
THE 6-GUN AND TWO 3-GUN AAA SITES REMAIN OCCUPIED.

25X1

JAGUA MILITARY AREA 2205N 08029W

NO APPARENT CHANGE IN FACILITIES.
EIGHTEEN CARGO TRUCKS OBSERVED.

25X1

LA VEGUITA MILITARY CAMP 2049N 07615W

NO APPARENT CHANGE IN FACILITIES.
FOURTEEN CARGO TRUCKS, ONE UTILITY TRUCK AND 9 FA
PIECES OBSERVED.

25X1

SANTA FE MILITARY AREA 2144N 08247W

2 NM WEST OF SANTA FE AT 21-44-50N 082-47-30W.
FACILITIES INCLUDE 2 LARGE BARRACKS-TYPE BUILDINGS,
5 SUPPORT BUILDINGS, ONE LARGE NON-SOVIET TENT, AND
ONE MEDIUM TENT. SIXTEEN CARGO TRUCKS AND 20 FA
PIECES OBSERVED.
UTM 17QLQ147054.
(AMS SERIES E723, SHEET 3681-III, 1ST ED).

25X1

SIBONEY LANDING BEACH 1957N 07542W

NO MILITARY ACTIVITY OR EQUIPMENT OBSERVED.

25X1

PLAYA COLOMBO LANDING BEACH 2154N 08246W

NO APPARENT CHANGE IN CLOUD-FREE AREAS.

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NICARO LANDING BEACH 2042N 07533W

NO APPARENT CHANGE IN CLOUD-FREE AREAS.

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-STATUS OF OTHER TARGETS OBSERVED-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE
SINCE LAST COVERAGE--

SAN CRISTOBAL MRBM SITE 1	2239N 08217W
SAN CRISTOBAL MRBM SITE 3	2242N 08308W
SAN CRISTOBAL MRBM SITE 4	2246N 08258W
SANTIAGO DE CUBA CRUISE-MISSILE STORAGE	2004N 07551W
LOS CANOS AIRFIELD	2005N 07509W
JAIME GONZALES AIRFIELD	2209N 08024W
TRINIDAD AIRFIELD	2147N 07959W
JUCARO PORT	2137N 07851W
SANTA FE MILITARY CAMP LUMUMBA	2142N 08249W
SAN ANTONIO MILITARY CAMP	2054N 07550W
LA JUTIA MILITARY INSTALLATION	2154N 08015W
CAMAGUEY MILITARY INSTALLATION	2117N 07800W
PLAYA YATERITAS LANDING BEACH	1958N 07457W
CIENFUEGOS LANDING BEACH	2202N 08036W
MAR VERDE LANDING BEACH	1957N 07557W
ENSENADA COLORADO LANDING BEACH	2202N 08025W

25X1

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT
NOT INTERPRETED--

LA COLOMA SAM SITE 2	2219N 08334W
SIGUANEA CRUISE-MISSILE SITE	2137N 08258W
BANES CRUISE-MISSILE SITE	2058N 07538W
MAYARI ARriba CRUISE-MISSILE ACTIVITY	2027N 07531W
SIGUANEA AIRFIELD	2138N 08257W
MANZANILLO PORT	2021N 07707W
LA COLOMA PORT	2214N 08334W
MANZANILLO MILITARY CAMP	2017N 07707W

PLAYA DE FLAMENCOS LANDING BEACH	2153N 08243W
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